

Abstract

A method for screening a substance that inhibits the onset of anti-cardiac troponin I autoantibody-related disease, a pharmaceutical composition and a base material for therapy of cardiac disease that contains the substance obtained by aforesaid method thereof, a therapeutic apparatus that removes anti-troponin I autoantibody for aforesaid antibody related disease, a method of making an animal model for evaluating cardiac disease characterized by administering anti-cardiac troponin I antibody, a method of selection of a therapeutic substance for cardiac disease characterized by using aforesaid animals, and a diagnosis of dilated cardiomyopathy characterized by measuring anti-cardiac troponin I autoantibody. An apparatus of the present invention that removes anti-cardiac troponin I antibody and a pharmaceutical composition for therapy of the antibody related disease may be useful for a therapy and/or prevention of cardiac disease.